



#4/A w/att.  
3/31/03  
Hayes

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In the application of: Kingsley et al

:Examiner: Vinh P. Nguyen

Serial No. 10/065,680

:Art Unit: 2829

Filed: November 8, 2002

:

For: OPTO-ELECTRIC DEVICE FOR MEASURING

:

THE ROOT-MEAN-SQUARE VALUE OF AN

:

ALTERNATING CURRENT VOLTAGE

:

RECEIVED  
FEB 14 2003  
TECHNICAL CENTER 2800

**PRELIMINARY AMENDMENT A**

**UNDER 37 CFR 1.111**

**INTRODUCTORY COMMENTS**

Assistant Commissioner of Patents  
Washington, D. C. 20231

Sir:

**In the Specification.**

Please amend the Federal Research Statement paragraph, and paragraphs 18, 19, 39, 45, 52, 56, 61, 64 and 70 as set forth at pages 2-6.

**In the Claims.**

Please amend claims 10-12 and 19 as set forth in the complete listing of claims currently in the case and set forth as pages 7-15.

**In the Drawings:**

Please replace Figs. 1, 4, 9, 17 with appended Figs. 1, 4, 9, and 17 (Four (4)) sheets.